JUN 16 2006

Atty Docket No. 015389-002630US

PTO FAX NO.: 1-571-273-8300

ATTENTION:

Examiner Lieto, Louis D.

Group Art Unit 1632

Courtesy Copy to: Examiner Lieto at 571-273-2932

OFFICIAL COMMUNICATION FOR THE PERSONAL ATTENTION OF EXAMINER LOUIS D. LIETO

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following documents in re Application of Thomas R. Cech et al., Application No. 10/044,539, filed January 11, 2002 for MAMMALIAN CELLS THAT HAVE INCREASED PROLIFERATIVE CAPACITY are being facsimile transmitted to the Patent and Trademark Office on the date shown below.

Documents Attached

- 1. Fee Transmittal 1 pg in duplicate (2 pgs total); and
- 2. Terminal Disclaimer (2 pgs)

Number of pages being transmitted, including this page: 5

Dated: June 16, 2006

Susan Jensen

PLEASE CONFIRM RECEIPT OF THIS PAPER BY RETURN FACSIMILE AT (415) 576-0300

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, Eighth Floor San Francisco, CA 94111-3834 Telephone: 650-326-2400

Fax: 650-326-2422

0295

60798938 v1

PTO/SB/17 (01-06)

Complete it Known PRECEIV PREF TRANSMITTAL For FY 2006 Application Number 10/044.539 PRECEIV FIRE TRANSMITTAL First Named Invertor Cech, Thomas R. JUN 16 Evantion Number 10/044.539 January 11, 2002 CENTRAL RAX First Named Invertor Cech, Thomas R. JUN 16 Evantion Number Lieto, Louis D. JUN 16 Evantion Number Lieto, Louis D. JUN 16 Applicant claims small entity status. See 37 CFR 1.27 Art Unit 1632 Attorney Docket No. 015389-002630US						
FEE TRANSMITTAL FOR FY 2006 Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 130 METHOD OF PAYMENT (\$) 130 MANING Inference Inference Inference (\$) 130 MANING Inference Inf	Francisco de la des Consolidades de Arresses		Complete if K		7	
Applicant claims small entity status. See 37 CFR 1.27 Art Unit			Application Number		(C) (C) (C) (A) (C) (A)	
Applicant claims small entity status. See 37 CFR 1.27			Filing Date			žΝ
Applicant claims small entity estatus. See 37 CFR 1.27 OTAL AMOUNT OF PAYMENT (\$) 130 Atterney Docket No. 015389-002630US OTAL AMOUNT OF PAYMENT (Check ell that apply)	For FY 2	:006				2006
METHOD OF PAYMENT (check ell that apply	Applicant claims small entity status	s. See 37 CFR 1.27				7
Check	TOTAL AMOUNT OF PAYMENT	(\$) 130		<u> </u>	30US	ナ
Check Credit Card Money Order None Other (please identify): Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP	METUOD OF DAVMENT (check o	all that apply)				7
Deposit Account Deposit Account Number: 20-1430 Deposit Account Name: Townsend and Townsend and Crew LLP For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated below Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Charge fee(s) indicated pelow, except for the filing fee Extended in this form, provide and indicated pelow, except for the filing fee EXAMINATION FEES Small Entity Fee (S) Fee (S) Fee (S) Fee (S) Fee (S) Fee (S) Fee (S) Fee (S) Fee (S)			e Other (please in	lentify):		1
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) Charge fee(s) indicated below Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee Charge fac(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below, except for the filing fee Charge fee(s) indicated below in provide credit card Indicated provide		· · —	-		Townsend and Crew LLP	ı
Charge fee(s) indicated below. Charge fee(s) indicated below, except for the filling fee Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments	— ·			-		i
Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments Credit and vorepayments						1
WARNING: Information on this form may become public. Credit card Information should not be Included on this form. Provide credit card Information should not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included on this form. Provide credit card Information about not be Included an this form. Provide credit card Information about not be surplicated and surplicated and this form. Provide credit card Information about not be surplicated in the Information about not be surplicated in the Information about not be surplicated in the Information about not information information about not information about not information about not information informa	Cheme any additional fe	sels) or undernayments of fe		(c) maiocas a prior	.,	
The composition of a substitution of the fees below are due upon filing or may be subject to a surcharge.) 1. BASIC FILING, SEARCH, AND EXAMINATION FEES Filing FEES Small Entity	under 37 CFR 1.16 and	1.17	Credit any	overpayments	- Physicals acadit annual	
BASIC FILING, SEARCH, AND EXAMINATION FEES Small Entity Small Entity Small Entity Small Entity Fee (5)	WARNING: Information on this form may information and authorization on PTO-20:	become public. Credit card int 38.	formation should not be i	clased ou full tout	P ALCANDS CLEDIT CALIN	_
Part	FEE CALCULATION (All the feet	s below are due upon fil	ling or may be subje	ect to a surchar	ge.)	4
Application Type	1. BASIC FILING, SEARCH, AND	D EXAMINATION FEES				
Application Type						1
Design 200 100 100 50 130 65						Ì
Plant 200 100 300 150 160 80 Reissue 300 150 500 250 600 300 Provisional 200 100 0 0 0 0 0 2. EXCESS CLAIM FEES Fee Description Rach claim over 20 (including Reissues) Rach independent claims over 3 (including Reissues) Multiple dependent claims Teat Claims Teat Claims -20 or HP = x = Fee (3) Fee Paid (5) HP = highest rumber of total delms paid for, if greater than 20 Indep. Claims Extra Claims Fee (3) HP = highest number of Independent claims paid for, if greater than 3 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof. Fee Paid (5)	Utility 300	150 500	0 250	200 100		
Reissue 300 150 500 250 600 300 Provisional 200 100 0 0 0 0 0 2. EXCESS CLAIM FEES Fee Description Rach claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Rach claim over 20 (including Reissues) Multiple dependent claims Tetal Claims Tetal Claims Tetal Claims Tetal Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee Paid (\$) Multiple Dependent Claims Fee Paid (\$)	•	100 100	0 50	130 65		
Provisional 200 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		100 300	0 150	160 80		
2. EXCESS CLAIM FEES Fee Description Rach claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Bach independent claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Total Claims Fee (\$) Fee Paid (\$)	Reissue 300	150 500	0 250	600 300		1
2. EXCESS CLAIM FEES Fee Description Hach claim over 20 (including Reissues) Each independent claim over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Fee (S) Fee Paid (S) Multiple Dependent Claims Total Claims Fee (S) Fee Paid (S) Multiple Dependent Claims Fee (S) Fee Paid (S)	Provisional 200	100	0 0	0 0		
Fee S Fee S Fee S					Small Entity	
Hach independent claims over 3 (including Reissues) Multiple dependent claims Total Claims Extra Claims Total Claims Extra Claims Total Claims Total Claims Extra Claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee Paid (\$) HP = highest number of total claims paid for, if greater than 20 Indep. Claims Extra Claims Extra Claims Fee (\$) Fee Paid (\$) HP = highest number of Independent claims paid for, if greater than 3 APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) Fee Paid (\$) Fee Paid (\$) Fee Paid (\$) Non-English Specification, \$130 fee (no small entity discount)						
Multiple dependent claims Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims Fee (\$) Fee Paid (\$) HP = highest number of total dayms paid for, if greater than 20 Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) -3 or HP =						
Total Claims Extra Claims Fee (\$) Fee Paid (\$) HP = highest number of total dajms paid for, if greater than 20 Indep. Claims Extra Claims Fee (\$) Fee Paid (\$) HP = highest number of independent dajms paid for, if greater than 3 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) 100 = /50 = (round up to a whole number) × Fees Paid (\$) Fees Paid (\$) Fees Paid (\$) Fees Paid (\$)		(including Reissues)		• •	= = =	
HP = highest number of total dalms paid for, if greater than 20 Indep. Claims		<u>sims Fee (\$) Fe</u>	ee Pald (\$)			
Indep. Claims -3 or HP =				Fee.(5) Fee Paid (5)	1
HP = highest number of Independent claims paid for, if greater than 3 3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof 100 =	Indep_Claims Extra Cla	elms Fee (\$) Fe	e Pald (5)			
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof fee (\$) Fee Paid (\$) 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)						
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof 100 = /50 = (round up to a whole number) x Fee Paid (\$) 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)		awaaad 100 ahaasa afaa	man (avaludina alasee	onically filed on	quence of computer	
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) - 100 = /50 = (round up to a whole number) x 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)	listings under 37 CFR 1.52(e)), the application size fo	per (excluding electron) to due is \$250 (\$125	for small entity)	for each additional 50	
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) - 100 = /50 = (round up to a whole number) × 4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount)	sheets or fraction thereof. Se	ee 35 U,S.C. 41(a)(1)(G)	and 37 CFR 1.16(s).			
4. OTHER FEE(S) Non-English Specification, \$130 fee (no small entity discount) Fees Paid (5)	Total Sheets Extra St	heets <u>Number of a</u>	each additional 50 or fr	action thereof		
Non-English Specification, \$130 fee (no small entity discount)	100 =	/50 =	_ (round up to a whole	number) x	<u> </u>	
	4. OTHER FEE(S)				Fees Paid (\$)	
Other (e.g., late filing surcharge): Terminal Disclaimer 130	Non-English Specification,	\$130 fce (no small enti	ity discount)			
	Other (e.g., late filing surcha	rge): <u>Terminal Disclain</u>	ner		130	
SUBMITTED BY	SUBMITTED BY					5
Signature Registration No. (Atterney/Agent) 36,429 Telephone 650-326-2400	1			429 Tele	ephone 650-326-2400	7
Name (Reint/Cyne) Pandoinh Ted Apple	Name (Print/Type) Rendelph Tod	Annie	,	Date	e June 16, 2006	7

60798756 v1

REGEIVED CENTRAL FAX CENTER NO. 727

JUN 16 2006

<u>PATEN</u>T

Attorney Docket No.: 015389-002630US

Client Ref. No.: 018/212C

Fax No. 1-571-273-8300 on 16 JUNE 2006.

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office,

TOWNSEND and TOWNSEND and CREW LLP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Thomas R. CECH et al.

Application No.: 10/044,539

Filed: January 11, 2002

For: MAMMALIAN CELLS THAT HAVE

INCREASED PROLIFERATIVE

CAPACITY

Customer No.: 20350

Confirmation No. 4930

Louis D. Lieto Examiner:

Technology Center/Art Unit: 1632

TERMINAL DISCLAIMER

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The owners, Geron Corporation and the Regents of the University of Colorado, of 100 percent interest in the instant application hereby disclaim, except as provided below, the terminal part of the statutory term of any patent granted on the instant application, which would extend beyond the expiration date of the full statutory term defined in 35 U.S.C. 154 to 156 and 173, as presently shortened by any terminal disclaimer, of prior U.S. Patent No. 6,261,836 issued July 17, 2001, or of prior U.S. Patent No. 6,337,200 issued January 8, 2002. Owners hereby agree that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patents are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.

06/19/2006 MBINAS

00000043 201430

10044539

01 FC:1814

130.00 DA

PATENT

Thomas R. CECH et al. Application No. 10/044,539 Page 2

In making the above disclaimer, owners do not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term as defined in 35 U.S.C. 154 to 156 and 173 of the prior patents, as presently shortened by any terminal disclaimer, in the event that it later: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims cancelled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.

The undersigned is an attorney of record.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Respectfully submitted,

Date: June 16, 2006

Randolph Ted Apple Reg. No. 36,429

TOWNSEND and TOWNSEND and CREW LLP Two Embarcadero Center, 8th Floor San Francisco, California 94111-3834

Tel: 650-326-2400 Fax: 415-576-0300

60796565 v1